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onal Application No

PCT/EP2004/004934 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H05B41/24 B41F B41F23/04 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 H05B B41F Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX, IBM-TDB C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ' Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Α EP 1 164 820 A (USHIO DENKI KABUSHIKI 1-7 KAISYA) 19 December 2001 (2001-12-19) column 9, line 11 - column 22, line 46 figures 3-7 Α PATENT ABSTRACTS OF JAPAN 1-7 vol. 1999, no. 09, 30 July 1999 (1999-07-30) -& JP 11 097194 A (MATSUSHITA ELECTRIC IND CO LTD), 9 April 1999 (1999-04-09) abstract; figures 1.4 Α WO 02/30828 A (PHOTOSCIENCE JAPAN 1-7 CORPORATION; KOZLOWSKI, HENRY) 18 April 2002 (2002-04-18) page 4, line 12 - page 8, line 4 page 12, line 3 - page 14, line 25 figures 7,8 -/--X Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "A" document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the International filing date "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another citation or other special reason (as specified) -Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu- O' document referring to an oral disclosure, use, exhibition or other means ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 2 March 2005 11/03/2005 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Sauerer, C



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